

AMENDMENT

Amendment to the Claims

1. – 9. (canceled)

10. (currently amended) An anastomotic device, comprising a slidingly woven tube of at least one wire strand, the woven tube defining a longitudinal axis, and the woven tube having each longitudinal end terminate in slidably engaging circumferential petals, the woven tube having an unactuated position of a generally cylindrical shape and an actuated position of a hollow rivet shape respectively for insertion through and for forming an anastomotic attachment defining a hollow opening between two proximate tissue walls at an anastomotic surgical site, wherein each petal flares comprises a petal tip flaring directionally inward towards the longitudinal axis when the anastomotic device is in the unactuated position, and the petal tip flaring directionally outward away from the tissue walls when the anastomotic device is in the actuated position, an adjacent petal on an opposite side of the anastomotic attachment along the longitudinal axis and as said anstomotic device moves from the unactuated to the actuated position, the direction of the flare reduces sliding friction between moving petals, and when the anastomotic device is in the actuated position, the direction of the flare reduces pressure on tissue captured between the reducing tissue contact at a distal tip of each petal [[from]].

11.-14. (canceled)

15. (original) The anastomotic device of claim 10, wherein the woven tube comprises at least one strand having unattached ends.

16. (canceled)

17. (original) The anastomotic device of claim 15, wherein the unattached ends each terminate in a loop.

18. (canceled)

19. (previously presented) The anastomotic device of claim 10, wherein an underlying portion of each circumferential petal is shaped to diverge from an overlying portion of an adjacent petal for mitigating resistance to actuation.

20.-22. (canceled)

23. (currently amended) The anastomosis device of claim 10, wherein the flaring underlying portion of each circumferential petal tip comprises a monotonic slope toward a distal tip of the petal shaped to diverge from the overlying portion of the adjacent petal that comprises a monotonic shape.

24. (new) The anastomotic device of claim 10, wherein at least a portion of each petal has an uncurved section.

25. (new) The anastomotic device of claim 17, wherein the unattached end of each loop is positioned adjacent to another portion of the loop to shield the unattached end from tissue contact.

26. (new) The anastomotic device of claim 17, wherein when the anastomotic device is in the deployed position, the loops are orientated to position the unattached ends away from tissue contact.

27. (new) The anastomotic device of claim 17, wherein the unattached ends are flared in the same direction as the petal tips.

28. (new) The anastomotic device of claim 15, wherein the unattached ends extend outside of the woven petals.

29. (new) The anastomotic device of claim 15, wherein the anastomotic device is configured to operably engage with an anastomotic device applier and the unattached ends are configured to avoid interference with the applier when moving the anastomotic device from the unactuated to the actuated position.

30. (new) The anastomotic device of claim 10, wherein the wire has shape memory effect properties.